The Commonwealth of Massachusetts

DIVISION OF STATE COLLEGES

STATE COLLEGE AT WORCESTER

PROGRAM OF CONTINUING STUDIES

SUMMER 1965

JULY 6 TO AUGUST 13

EXTENSION FACULTY

CORNELIUS S. DONOGHUE, A.B., A.M., Director of Continuing Studies

JOHN F. EAGER, B.S., Ed.M., Associate Director of Continuing Studies

ELIZABETH R. BARLOW, B.S., Ed.M., Ed.D.

WALTER BUSAM, A.B., A.M., Ph.D.

PAUL DAVIS, B.S., Ed.M.

MARY T. DOLPHIN, A.B., Ed.M.

ROBERT W. GOSS, B.S., Ed.M., A.M.

LOREN N. GOULD, A.B., A.M.

PAUL A. HOLLE ,A.B., M.S., Ph.D.

WILLIAM D. JOYCE, A.B., M.S.

DONALD L. LOEFFLER, B.S., A.M.

JOSEPH C. LONERGAN, B.S., Ed.M.

EUGENE H. MASSE, A.B., A.M.

WILLIAM K. MASTERSON, A.B., A.M., M.S.

PAUL J. McCARRON, B.S., Ed.M.

MELVIN MERKEN, B.S., A.M.

JOHN P. MOCKLER, B.S., A.M.

KATHRYN R. O'DONNELL, B.S., A.M.

VINCENT PICCOLO, A.B., M.S.

JOSEPH W. RIORDAN, A.B., A.M., Ed.M., Ph.D.

JOSEPH A. SHEA, A.B., A.M., Ph.D.

WILLIAM L. SULLIVAN, A.B., A.M., Ph.D.

G. FLINT TAYLOR, A.B., Ed.M., Ph.D.

ROBERT E. TODD, A.B., A.M.

FRANCIS G. WALETT, B.S., A.M., Ph.D.

Intensive Teacher Preparation Course—Elementary

GEORGE T. JOSEPH, B.S., Ed.M., COORDINATOR

FRANCIS J. CALLERY, B.S., Ed.M.

DONALD F. MORAN, B.S., Ed.M.

WILLIAM R. PINGETON, B.S., Ed.M.
PAUL F. O'NEIL, A.B., B.S., Ed.M.
JOANNE K. GOSS, B.S., Ed.M.
ANNE M. LOONEY, B.S.

Intensive Teacher Preparation Course—Secondary

JOSEPH P. SCANNELL, B.S., Ed.M., COORDINATOR
ANN M. NUGENT, A.B., M.A., Biological Science
VERA M. DOWDEN, B.S., Ed.M., Social Studies
KENNETH G. KIRBY, B.S., Ed.M., Physical Science
FRANK J. FOLEY, A.B., A.M., Mathematics
DORIS M. JOYCE, B.C., Ed.M., C.A.G.S., English
JOHN V. CROWLEY, A.B., A.M., M.S., Librarian

GENERAL INFORMATION

The courses announced in this bulletin are offered by the Division of State Colleges in cooperation with the State College at Worcester. The Division of State Colleges reserves the right to cancel any course which does not have a minimum of 20 enrollments.

Both graduate and undergraduate courses are offered: Courses carrying undergraduate credit only are numbered in the 700 series: courses carrying both graduate and undergraduate credit are numbered in the 800 series; courses carrying graduate credit only are numbered in the 900 series.

REGISTRATION

Registration should be made on June 1st through June 5th from 9:00 A.M. to 5:00 P.M. or on the first day of the Summer Session at Worcester State College at Worcester, Massachusetts.

To facilitate course selection, provisions have been made for registration in advance by mail. The registration blank found on the last page should be forwarded to the college immediately. Registration fee ($2.50 per semester) must accompany your registration form. Fees must be paid by check or money order made payable to the State College at Worcester. Cash will not be accepted. Assignment to classes which are or might be sectioned, or assignment to classes with maximum registrations, will be made in the order of completed registrations.

1. The tuition fee for residents of Massachusetts is $18.00 per semester hour of credit; for non-residents, $25.00 per semester hour of credit; and for auditors, $11.00 per semester hour.

2. Late Registration FEE—(Required of all, including veterans, after the first class meeting) $2.00.

3. Change of Course FEE—Payable for any change of registration after the first class meeting except when a course is cancelled. $2.00.

4. All students in the Summer Semester, including veterans, must pay a $2.50 registration fee per semester when making out the course registration forms. UNDER NO CIRCUMSTANCES WILL ANY OF THE REGISTRATION FEES BE REFUNDED.

VETERANS

Any resident of Massachusetts who has served in any branch of the armed service for at least 90 days, one of which must have been served either between September 16, 1940, and December 31, 1946, or between June 25, 1950, and January 31, 1955, and who has a discharge other than dishonorable may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility the veteran must present his discharge (or a photostatic copy) or certificate of satisfactory service in the case of officers, together with proof of residence, in advance of the opening date of class meeting.

CREDIT

Regulations and requirements for degree study may be obtained at the office of the Director of Continuing Studies, State College at Worcester. It is urgently recommended that the guidance and advice of the Director be sought and faithfully followed in planning a program of study. For teachers in service, a maximum of six semester hours of credit per semester may be credited toward a degree.

The GRADUATE RECORD EXAMINATION, required of all graduate students, will be conducted at Worcester State College on Saturday, July 10, 1965. The Bulletin of Information and Application Blanks can be secured at the Director's Office, Room G-25, Gymnasium-Library Building, State College at Worcester, Mass. Registration through the Educational Testing Service, Princeton, New Jersey, closes on June 25, 1965.

The degree of Master of Education is awarded at the State Colleges at Boston, Bridgewater (including Hyannis Summer Session), Fitchburg, Framingham, North Adams, Salem, Westfield, and Worcester. Graduate courses in partial fulfillment of the requirements for this degree may be offered from time to time in the other State Colleges and the Massachusetts College of Art.

The Comprehensive Examination will be conducted on Friday, July 23, 1965, at 2:00 P.M. Graduate students who will have completed their formal course work in the required areas by the end of the Summer Session will be eligible to take it

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Registration for the 1965 Fall Session will be conducted from September 13 through September 17th and on the first day of each

class meeting. It is anticipated that the following courses will be offered during the 1965 Fall Session beginning September 20th.

Psychological Foundations of Education, Parts I and II
Philosophical Foundations of Education, Parts I and II
Fine Arts for the Classroom Teacher
Guidance I, III, and V
Supervision
Administration
Research and Evaluation
Methods and Materials in Early Childhood Education
Methods and Materials in Elementary Education
Methods and Materials in Secondary Education
Methods and Materials in Library Science
Foreign Language

It is anticipated that courses in the areas of history, geography and the social studies, biology, physical science, the creative arts, English, and the language arts will be offered.

SCHEDULE OF CLASSES

NOTE: Courses carrying undergraduate credit only are numbered in the 700 series: courses carrying both undergraduate and graduate credit are numbered in the 800 series; and courses carrying graduate credit only are numbered in the 900 series. Assistance in selecting and registering in all courses is available in Room G-25 in the Gymnasium-Library Building, the W.S.C. Office of the Program of Continuing Studies. Phone: Worcester 791-1405 or 756-5121.

The following courses carry three semester hours of credit.

First period beginning at 8:30 A.M. daily

	Course Number and Title	Instructor	Room
SS812	Principles and Practices in Guidance	Paul J. McCarron	G-23
SS814	Introduction to Audio-Visual Methods and Materials	Paul Davis	301
SS817	The Teaching of Reading in Elementary Schools	Elizabeth R. Barlow	306
SS819	Six Twentieth Century Masters of Literature	William L. Sullivan	G-24
SS830	Social Problems in the Mid-Sixties	Robert W. Goss	208
SS843	Animal World and Its Evolution	Paul Holle	205
SS862	Principles of Organic Chemistry	Melvin Merken	105
SS888	Library Cataloging and Classification Part I	Vincent Piccolo	G-22
SS902	Psychological Foundations of Education Part I	Joseph C. Lonergan	312
SS905	School Administration	Joseph W. Riordan	302

Second period beginning at 9:55 A.M. daily

SS816	Comparisons and Contrasts in World Literature	Kathyrn R. O'Donnell	G-23
SS818	Contemporary Drama	Elizabeth R. Barlow	306
SS826	Surficial Geology of Southern New England	Loren N. Gould	203
SS837	American Social and Economic History	Francis G. Walett	G-26
SS841	Science Demonstration Workshop	Melvin Merken	105
SS886	Reference Sources and Methods Part I	William D. Joyce	Library
SS900	Philosophical Foundations of Education Part I	William K. Masterson	309
SS906	Research and Evaluation, Section A	William L. Sullivan	G-24
SS909	School Law	Paul J. McCarron	208
SS911	Psychology of Subnormal and Unadjusted Children	Joseph C. Lonergan	312

Third Period beginning at 11:20 A.M. daily

	Course Number and Title	Instructor	Room
SS820	Workshop in Dramatic Literature	Kathryn R. O'Donnell	G-23
SS829	The Conservation of our Nation's Resources	Loren N. Gould	203
SS834	Selected Problems of our Local and State Governments	Robert W. Goss	208
SS835	Art for the Classroom Teacher	Mary T. Dolphin	Art Room
SS839	The Expansion of Europe 1450-1600	Francis G. Walett	G-26
SS840	Teaching Science in Elementary Grades	Paul A. Holle	205
SS901	Philosophical Foundations of Education Part II	Joseph W. Riordan	302
SS914	Techniques and Production of Instructional Materials	Paul Davis	301
SS971	The Organization and Administration of Athletics	John P. Mockler	G-24

EVENING CLASSES

"7:00 P.M." Period, Mondays, Tuesdays, and Thursdays 7:00-9:45 P.M.

	Course Number and Title	Instructor	Room
SS745	Effective Speech, Voice and Diction	Donald L. Loeffler	312
SS812	Principles and Practices in Guidance Section B	G. Flint Taylor	203
SS822	Form and Idea in Dramatic Literature	Robert E. Todd	306
SS836	The United States in the Twentieth Century	Eugene H. Masse	204
SS844	Health Science	William K. Masterson	205
SS870	Physical Education in Elementary Schools	John P. Mockler	104
SS903	Psychological Foundations of Education Part II	Joseph A. Shea	211
SS906	Research and Evaluation, Section B	Walter Busam	208
SS800e	Intensive Teacher Preparation Workshop in Elementary Education (Including observation, demonstration, and practice teaching classes)	George T. Joseph and Staff May Street School	

8 semester hours 8:30 A.M.-3:30 P.M.

Interviews with prospective registrants by Mr. George T. Joseph, by appointment (Worcester 756-5121) at Worcester State College, or on May 3, 10, 17, or 24

SS999s	Intensive Teacher Preparation Workshop in Secondary Education	Joseph P. Scannell and Staff Chandler Street Junior High School	

6 semester hours 8:30 A.M.-2:30 P.M.

Prospective enrollees must supply official transcripts confirming six credits in education as well as credits in their major fields on or before May 1, 1965. Interviews might be required.

COURSE DESCRIPTIONS

SS812 Principles and Practices in Guidance—Section A

3 Semester Hours

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be placed upon the role of the classroom teacher in the guidance program.

NOTE: This course or its equivalent is a prerequisite of all advanced courses in guidance.

Paul J. McCarron — Daily, 8:30-9:45 A.M.

SS814 Introduction to Audio-Visual Methods and Materials

3 Semester Hours

This is an introductory course for the classroom teacher in the utilization of all types of audio-visual materials for improving instruction. By means of lecture, discussion, and demonstration students will learn the criteria in selection of materials, planning for their use, evaluation of methods, advantages and limitations of various materials, and implications of research. Each class member learns the operation of mechanical equipment as well as sources of audio-visual materials for the various curricula.

Paul Davis — Daily, 8:30-9:45 A.M.

SS817 The Teaching of Reading in Elementary Schools

3 Semester Hours

This course is designed to cover the function of reading in the modern school program, effective procedures for developing the basic reading skills, practical techniques for improving pupil competence in the reading-study skills of content areas and methods of diagnosing and correcting reading deficiencies.

Elizabeth R. Barlow — Daily, 8:30-9:45 A.M.

SS819 Six Twentieth Century Masters of Literature

3 Semester Hours

In this course students will study intensively the writing of Proust, Joyce, Mann, Shaw, Yeats, and Eliot as masterful expressions of the times and trends of thought in modern Anglo-Saxon life. Practice in interpretative analysis and critical evaluation is provided.

William L. Sullivan — Daily, 8:30-9:45 A.M.

SS830 Social Problems in the Mid-Sixties — 3 Semester Hours

The purpose of this course is to introduce the student to those social maladjustments which are considered to be the most crucial at this period in our national history. The study will include, among others, crime, alcoholism, gambling, unemployment, marital discord, etc. The course is so organized as to promote serious discussion and research into these social problems.

Robert W. Goss — Daily, 8:30-9:45 A.M.

SS843 Animal World and Its Evolution — 3 Semester Hours

This course will include a survey of the animal kingdom, its evolution, and certain taxonomic considerations. The course and its lectures will be directed towards expanding the background of those who have had a minimum of formal training in the biological sciences, and will be supplemented with appropriate audio-visual materials; demonstrations, slides, movies, and examination of selected living and/or preserved specimens.

Paul A. Holle — Daily, 8:30-9:45 A.M.

SS862 Principles of Organic Chemistry — 3 Semester Hours

This course encompasses a study of organic chemistry designed for teachers of general science, biology, and chemistry. Special emphasis will be placed upon electronic theory and molecular geometry. Standard laboratory operations and syntheses will be developed in the laboratory. A previous knowledge of chemistry is not required.

Melvin Merken — Daily, 8:30-9:45 A.M.

SS888 Library Cataloging and Classification—Part I

3 Semester Hours

In this course prospective school librarians will make a detailed study of the principles and practice of cataloging books using the Dewey Decimal system of subject classification, Sear's List of Sub-

ject Headings, and the ALA Cataloging Rules for Author and Title Entry. A brief introduction to over-all technical services for the small library and methods of indexing non-book materials commonly found in the modern school library will be included.

Vincent Piccolo — Daily, 8:30-9:45 A.M.

SS902 Psychological Foundations of Education—Part I

3 Semester Hours

This course covers the theoretical aspects of psychology for the classroom teacher. It includes a systematic analysis of the major schools of psychology and a study of the effects of heredity and environment. Reading in the following areas will be required: results of research on growth and development, theories of intelligence, concepts in measurement and evaluation, individual differences in capacity and achievement, and learning theory.

Joseph C. Lonergan — Daily, 8:30-9:45 A.M.

SS905 School Administration — 3 Semester Hours

This course constitutes a basic introduction to the principles of school administration. Topics to be included are: school population and student personnel; the organization and substance of the educational program; personnel of the school system; the physical plant and its facilities; governmental structure for education and intergovernmental relations; internal school organization; financing of education; school business administration, and the administrative process.

Opportunity will be provided for concentration in elementary or secondary school administration through the completion of assignments at one specific level.

NOTE: This course or its equivalent is prerequisite to advanced courses in school administration.

Joseph W. Riordan — Daily, 8:30-9:45 A.M.

SS816 Comparisons and Contrasts in World Literature

3 Semester Hours

This course encompasses a comparative study of selected authors of the world with a view to understanding their concepts of man's relation to his society and a critical evaluation of their contribution to the culture of our time. Student reports on guided readings, and cooperative projects will insure the student's understanding and appreciation of great literature.

Kathryn R. O'Donnell — Daily, 9:55-11:10 A.M.

SS818 **Contemporary Drama** 3 Semester Hours

The course will comprise a study of the major trends in twentieth-century drama, from Isben to Osborne: preoccupation with problems of social significance; emergence of American influence; experimentation in form; development of realism, naturalism, romanticism and expressionism.

Elizabeth R. Barlow Daily, 9:55-11:10 A.M.

SS826 **Surficial Geology of Southern New England** 3 Semester Hours

This course, while dealing with the basic principles of physical geology, will stimulate local teachers to utilize various areas of geologic interest within southern New England as areas for field study. There will be one field trip for Summer School students and material will be supplied for other, self-guided, field trips. Areas so studied will be interpreted to the students by the professor for their later use with their own classes.

Loren N. Gould Daily, 9:55-11:10 A.M.

SS837 **American Social and Economic History** 3 Semester Hours

This study of American History since the Revolution will deal selectively with, nationalism, and sectionalism, the cotton kingdom, the industrial revolution, immigration, and urbanization. Emphasis will be placed on original source materials. Reports and/or research papers in stipulated areas will be completed by all students.

Francis G. Walett Daily, 9:55-11:10 A.M.

SS841 **Science Demonstrations Workshop** 3 Semester Hours

In this course, teachers will be assisted in developing a store of workable demonstrations and experiments which may be applied at the elementary or secondary levels. Materials will be drawn from the physical and biological sciences, with particular emphasis on the newer curricula in these areas.

Melvin Merken Daily, 9:55-11:10 A.M.

SS886 **Reference Sources and Methods—Part I** 3 Semester Hours

This library science course is designed to acquaint the student with the philosophy and technique of reference service. The content and use of the basic reference tools also will be covered. Students will use the college library in practical reference problems.

William D. Joyce Daily, 9:55-11:10 A.M.

SS900 Philosophical Foundations of Education—Part I

3 Semester Hours

This course is an historical approach to the study of educational thought and includes an examination of primary educational concepts which have evolved through western thought to the present day. Selections from the great documents in educational thought are studied in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.

William K. Masterson — Daily, 9:55-11:10 A.M.

SS906 Research and Evaluation—Section A 3 Semester Hours

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

William L. Sullivan — Daily, 9:55-11:10 A.M.

SS909 School Law 3 Semester Hours

This course is designed to acquaint administrators and teachers with school laws affecting public education in the United States, with particular emphasis upon the state and community laws of Massachusetts. Attention will be given to such topics as legal status of school committees, contractual rights and obligations of teachers, the suspension and expulsion of pupils, and school attendance laws.

Paul J. McCarron — Daily, 9:55-11:10 A.M.

SS911 Psychology of Subnormal and Unadjusted Children

3 Semester Hours

This course deals with the psychology and treatment of children having superior or inferior intellectual ability, defective vision, hearing, speech and physical handicaps. Emphasis will be placed on the mental equipment of individual children, different degrees of retardation and their causes, and disorders of behavior which frequently are concomitant. The psychological bases of a suitable curriculum for mentally retarded children will be evaluated. This course may be taken toward State Certification to teach in a Special Class.

Joseph C. Lonergan — Daily, 9:55-11:10 A.M.

SS820 Workshop in Dramatic Literature 3 Semester Hours

In this course the theory and practice of modern drama will be examined. Lectures on dramatic literature since 1850 will be presented. A study of stage and costume design will be made. Problems of directing, speaking, and acting will be studied, and those problems incidental to training in dramatics will be discussed.

Kathryn R. O'Donnell Daily, 11:20 A.M.-12:35 P.M.

SS829 The Conservation of Our Nation's Resources

3 Semester Hours

Students in this study of our physical and natural resources, after examining the major conservation ideas, will study in detail the conservation of water, soils, forests, wildlife, and recreation. Sources of information suitable for different age levels will be presented. A field trip is planned which will show conservation in action in the local area. Students will be required to complete an investigation in line with their interests in the subject.

Loren N. Gould Daily, 11:20 A.M.-12:35 P.M.

SS834 Selected Problems of Local and State Governments

3 Semester Hours

Students will study and analyze some of the basic problems of local and state governments. Among the topics to be considered are municipal charters (City and Town "Plans"), the increase of metropolitanism, the suburban movement, tax and fiscal policy, urban renewal, etc. The relationships of each of the local governments within the Commonwealth to each other and the relationships of the Commonwealth to the federal government will be stressed. The stress will be placed on the practical approach in the solution of municipal problems.

Robert W. Goss Daily, 11:20 A.M.-12:35 P.M.

SS835 Art for the Classroom Teacher 3 Semester Hours

In this studio workshop students will enrich their experiences in dealing with the art materials, skills, and techniques valuable to the classroom teacher. A combination lecture, informal discussion, and activity course will provide individual and group work in such areas as basic drawing, painting, lettering, and modeling. Exhibits, reproductions, and slides will be used as enrichment material.

Mary T. Dolphin Daily, 11:20 A.M.-12:35 P.M.

SS839 The Expansion of Europe 3 Semester Hours

During these fifteen decades Western European Nations completed the process of discovery, exploration, and settlement of colo-

nial regions. Topics to be studied include: the early exploration of America, Asia, and Africa; the establishment of the Portuguese and Spanish Empires; and the early efforts of the French, the English, and the Dutch to become empires. There will be opportunity to study and discuss numerous original narratives and other source materials.

Francis G. Walett — Daily, 11:20 A.M.—12:35 P.M.

SS840 Teaching Science in the Elementary Grades

3 Semester Hours

This course is designed to encourage and strengthen the teaching of science in elementary (primary and intermediate) grades. Although the several methods of teaching will be stressed, including instructor and student demonstrations and experiments, the following additional areas will be explored; objectives and place of science in the elementary curriculum; techniques of helping children learn science; organization of a science program; and such special problems as obtaining, constructing, and using materials, the selection of texts and reference books, and availability of pertinent visual aids.

Paul A. Holle — Daily, 11:20 A.M.—12:35 P.M.

SS901 Philosophical Foundations of Education, Part II

3 Semester Hours

This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related educational concepts in order to determine to what extent a synthesis of viewpoint may be achieved.

Joseph W. Riordan — Daily, 11:20 A.M.-12:35 P.M.

SS914 Techniques and Production of Instructional Materials

3 Semester Hours

This course is designed to enrich the teacher's classroom performance by developing techniques of visual presentation of subject materials. Pictorial presentations of instructional materials through non-artistic skills will be developed. The techniques apply at all levels of instruction, but the subject matter will be related to the specific interest of each teacher. Students will be expected to provide some of the materials consumed in producing the instructional materials.

Paul Davis — Daily, 11:20 A.M.-12:35 P.M.

SS971 The Organization and Administration of Athletics

3 Semester Hours

This course is designed for those who are involved in planning and conducting intramural and interschool sports on the Elementary, Junior High and Senior High School levels. The factors of time, space, equipment, facilities, budget, scheduling and public relations will be discussed and evaluated.

John P. Mockler — Daily, 11:20 A.M.-12:35 P.M.

EVENING CLASSES

7:00-9:45 P.M.

STUDENTS in attendance in our Evening Classes can secure three semester hours of credit by attending 15 class sessions scheduled on Mondays, Tuesdays, and Thursdays beginning on July 6, 1965.

SS745 Effective Speech; Voice and Diction — 3 Semester Hours

Students in this course will make a detailed study of the vowel and consonant sounds of the best American speech and should develop habits of good speech through frequent practice in speaking and reading. Special emphasis is placed on the development of the voice.

Donald L. Loeffler — Mon., Tues., Thurs. 7:00-9:45 P.M.

SS812 Principles and Practices in Guidance, Section B

3 Semester Hours

This is an introductory course designed to provide the student with an understanding of the need, meaning and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording and evaluation of data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be placed upon the role of the classroom teacher in the guidance program.

NOTE: This course or its equivalent is a prerequisite to advanced courses in guidance.

G. Flint Taylor — Mon., Tues., Thurs. 7:00-9:45 P.M.

SS822 Form and Idea in Dramatic Literature 3 Semester Hours

This course is designed to acquaint the student with the nature and conventions of dramatic literature. The plays of representative dramatists from the theatre of the absurd will be analyzed and discussed with particular emphasis upon genre and world idea.

Robert E. Todd Mon., Tues., Thurs. 7:00-9:45 P.M.

SS836 Twentieth Century American History 3 Semester Hours

This study of recent political, economic, and social history of our own country deals with our national and international developments and problems. By means of lecture-discussions and assigned reports, comparisons, when relevant, will be made between twentieth century controversies and historical instances.

Eugene H. Masse Mon., Tues., Thurs. 7:00-9:45 P.M.

SS844 Health Science 3 Semester Hours

This course will be directed towards the needs and interests of educators who have had a minimum of, or no formal training in the health sciences. Certain basic questions concerning personal, classroom, school, and community health problems will be posed; and, by means of lectures and/or demonstrations, answers and modern interpretations to these questions will be presented and evaluated.

William K. Masterson Mon., Tues., Thurs. 7:00-9:45 P.M.

SS870 Physical Education in the Elementary School
3 Semester Hours

This course is designed to acquaint the classroom teacher with procedures in physical education in the primary, middle, and upper grades. In addition to a study of the active games in the classroom, indoor, and outdoor play areas, the experienced and prospective teachers will evaluate physical fitness testing, the rules governing the sports, and the guide lines for organizing Play Day programs.

John P. Mockler Mon., Tues., Thurs. 7:00-9:45 P.M.

SS903 Psychological Foundations of Education, Part II
3 Semester Hours

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

Joseph A. Shea Mon., Tues., Thurs. 7:00-9:45 P.M.

SS906 Research and Evaluation, Section B 3 Semester Hours

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

Walter Busam Mon., Tues., Thurs. 7:00-9:45 P.M.

SS800e Intensive Teacher Preparation Workshop in Elementary Education (Including observation, demonstration, and practice teaching classes) 8 Semester Hours

Undergraduate credit only will be allowed for college juniors and to persons not holding degrees.

This course is being offered to help meet the need for elementary teachers in Massachusetts. It is not expected that it will furnish complete and adequate preparation for teaching in the elementary grades, but it is expected that the course will give the students a basic preparation that will enable them to begin teaching in these grades under supervision.

The course is open to college graduates not prepared to teach in the elementary grades but who wish to do so; to elementary teachers with limited experience who need more adequate preparation; to secondary and special teachers wishing to prepare for elementary teaching; to those who wish to re-enter elementary teaching after a protracted absence; and to students recommended by the college upon completion of their junior year. Admission to the course is restricted and selective. Applicants will be requested to furnish credentials.

A study of methods, and materials to meet the curriculum needs of boys and girls will be made. Effective techniques in teaching the fundamentals, the organization of the classroom for the unit approach to teaching, and the application of the principles of group dynamics will be presented.

For those who apply to the Division of Certification and Placement for certificates for teaching in the public elementary schools of Massachusetts, this program will provide a partial fulfillment of the requirements. The practice teaching requirement will be satisfied and the remaining semester hours of credit will also count to-

ward the eighteen hours of professional courses required for the certificate for teaching in the public elementary schools of Massachusetts.

Candidates for this course will be interviewed on May 3, 10, 17, and 24 at the State College at Worcester between 2:30 and 5:00 P.M.

George T. Joseph, Coordinator Daily, 8:30 A.M.-3:30 P.M.

Francis J. Callery, Demonstration Teacher

Donald F. Moran, Demonstration Teacher

William R. Pingeton, Demonstration Teacher

Paul F. O'Neil, Demonstration Teacher

Joanne K. Goss, Demonstration Teacher

Anne M. Looney, Demonstration Teacher

SS999s Intensive Teacher Preparation Workshop in Secondary Education (Including observation, demonstration, and practice teaching classes) 6 Semester Hours

The primary purpose of this program is to enable prospective secondary school teachers to meet the state certification requirements in student teaching.

Student teachers in this intensive program will meet five hours a day for six weeks. The class day will include demonstration teaching by master teachers and observation and practice teaching by the student teacher from 8:30 A.M. until noon. The secondary school pupils will be dismissed about noon, and formal classes, conferences, and preparations will be scheduled in the afternoon with the Coordinator and master teachers available for consultation and assistance.

Classes will be opened to a limited number of student teachers and admission to the program is selective. Admission to the program is restricted to those holding a bachelor's degree or who will receive the degree in June, 1965 and have had 30 semester hours in their major fields of mathematics, science, English, or social studies plus six hours of education credits. The Coordinator may waive, in part, some of the prerequisites.

Applications for admission, accompanied by official transcripts of all courses taken beyond high school, must be received by the Director of the Program of Continuing Studies at Worcester State College not later than May 1, 1965. It should include a resumé of your educational and teaching experience and identify the number

of semester hours of credit in your major field (s). If it be deemed necessary, applicants might be invited to confer with the Coordinator prior to official acceptance into this Secondary Education Workshop.

Joseph P. Scannell, Coordinator — Daily, 8:30 A.M.-2:30 P.M.

Ann M. Nugent, Demonstration Teacher in Biological Science

Vera M. Dowden, Demonstration Teacher in Social Studies

Kenneth G. Kirby, Demonstration Teacher in Physical Science

Frank J. Foley, Demonstration Teacher in Mathematics

Doris M. Joyce, Demonstration Teacher in English

REGISTRATION BLANK

Registration blanks should be forwarded immediately, accompanied by a check or money order payable to the State College at Worcester. No class places will be reserved without the accompanying $2.50 registration fee.

Clip and mail to:

MR. CORNELIUS S. DONOGHUE, Director
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts 01602

or

MR. JOHN F. EAGER, Associate Director
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts 01602

COURSE **CREDITS (check)**

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

Name .....

Street .....

City or Town .....

Veteran? .....